

RF Exposure Evaluation

1. Standalone SAR test exclusion

KDB447498 D01 General RF Exposure Guidance v06, Clause 4.3.1(a)

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$$

Where

-f(GHz) is the RF channel transmit frequency in GHz

-Power and distance are rounded to the nearest mW and mm before calculation

-The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm, and for transmission

frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm according to 4.1 f) is applied to determine SAR test exclusion.

Test Frequency (MHz)	Output power		Test Distance (mm)	Test data	Limit	SAR Exclusion
	(dBm)	(mW)				
2402	0.74	1.19	5	0.3689	<3	Pass
2440	0.07	1.02	5	0.3187	<3	Pass
2480	-0.51	0.89	5	0.2803	<3	Pass

Note:

The below information is declared by the applicant, the exposure safety distance is 5mm